



EPA/REGION IV
ATLANTA, GA.

Site:	<i>Medley</i>
Break:	<i>3.4</i>
Other:	

CDM FEDERAL PROGRAMS CORPORATION

GRANTS/CONTRACTS.WND

October 24, 1990

Mr. Jon Bornholm
Work Assignment Manager
U.S. Environmental Protection Agency
345 Courtland Street
Atlanta, GA 30365



PROJECT: EPA Contract No.: 68-W9-0004

DOCUMENT NO: TES7-C04033-EP-BYVZ

SUBJECT: September Monthly Report for Remedial Investigation Oversight
for Work Assignment C04033 - Medley Farms Site
Document Control No.: TES7-C04033-RT-BYWB-2

Dear. Mr. Bornholm:

This letter documents the transmittal of the above referenced TES VII document as partial fulfillment of the reporting requirements for work assignment C04033.

If you have any comments regarding this submittal, please contact Nelson Langub, or myself at (404) 952-7393, within two weeks of receipt of this letter.

Sincerely,

CDM FEDERAL PROGRAMS CORPORATION

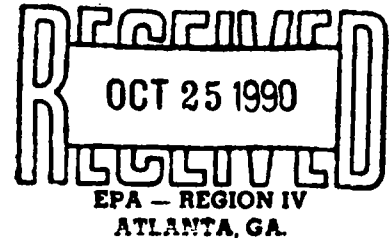
Abel B. Dunning
TES VII Region IV Manager

NL/ABD/ln

cc: Jean Wright, EPA HQ TES VII Zone Project Officer
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Robert Murphy, Versar, Inc.
Document Control (2)
File TES7/C04033



10909765



SEPTEMBER MONTHLY REPORT FOR
REMEDIAL INVESTIGATION OVERSIGHT

MEDLEY FARMS SITE
GAFFNEY, SOUTH CAROLINA

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Waste Programs Enforcement
Washington, D.C. 20460

Work Assignment No.	: C04033
EPA Region	: IV
Site No.	: 4P73
Contract No.	: 68-W9-0004
CDM Federal Programs	
Corporation Document No.	: TES7-C04033-RT-BYWB-2
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Date Prepared	: October 24, 1990

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Attachment 1: Field Notes

1.0 OBJECTIVES

CDM Federal Programs Corporation (FPC) has contracted with the U.S. Environmental Protection Agency (EPA (Contract No. 68-W9-0004 to provide oversight of the Potentially Responsible Party (PRP) Committee's Remedial Investigation (RI) and Feasibility Study (FS) under Work Assignment No. C04033 at the Medley Farm site located in Cherokee County, Near Gaffney, South Carolina. Versar Inc. has subcontracted with CDM FPC to provide on-site technical personnel for oversight of the PRP contractor's RI field activities, to collect quality assurance split samples, and ensure RI field work compliance with the PRP work plan and project operations plan (POP).

Section 2.0 summarizes site activities for September 1990, Section 3.0 discusses modifications and deviations from the PRP plans, and Section 4.0 describes potential problems. Attachment 1 is a copy of Versar's field notes.

2.0 SUMMARY OF SITE ACTIVITIES

During September 1990, Sirrine Environmental Consultants (SEC), the RI contractor and their drilling subcontractor, Atlanta Testing and Engineering (ATE), performed the following activities:

- o Continued subsurface investigation and monitoring well installation
- o Conducted discrete interval sampling of bedrock wells.

A Versar Inc. representative was on-site to observe RI field activities from September 10, 1990 through September 12, 1990. See Section 2.2 for a discussion of Versar's activities.

Oversight and RI personnel and the dates they were recorded on-site by oversight personnel are as follows:

Versar, Inc.

Paul Linley..... 9/10 - 9/12

Sirrine Environmental Consultants

Richard Burdine..... 9/10 - 9/12
Robert Enright..... 9/10 - 9/12
Joe Harrigan..... 9/10 - 9/12
John Gillespie..... 9/10

Atlanta Testing and Engineering

Kevin Warren..... 9/10 - 9/12
David Lyons 9/10 - 9/12
Kevin DeGroot..... 9/10 - 9/12
Patrick Bergman..... 9/10 - 9/12
Ben Archer..... 9/10 - 9/12
Donald Lewis..... 9/10 - 9/12

2.1 PRP Contractor Activities

During September 10 through 12, 1990, SEC continued to core bedrock well BW-106 to completion and started boring operations on saprolite well SW-109. During the coring operations of BW-106 the outer casing of the well broke approximately 15 feet below grade. SEC retrieved all drilling equipment from the borehole to evaluate the situation.

Upon retrieval of the equipment and casing SEC, after discussion with ATE, decided to overdrill the borehole and try to retrieve the remaining casing left in the hole. SEC, with assistance from ATE, had to secure a specially designed drilling rig to complete this task. The coring rig was due to arrive on site September 13th or 14th. The saprolite well SW-109 experienced difficulty in completion also. Auger refusal was encountered above the upper aquifer. SEC moved the location of SW-109 approximately ten feet to the west of the original boring location.

SEC and ATE were able to complete SW-109 to a depth of 69 feet below ground surface. SEC was able to develop and collect samples from the newly installed saprolite wells. This effort aided in defining the locations of the remaining wells to be installed to delineate the contaminate plume. Sample results from the newly installed saprolite wells were considered "clean", therefore SEC would locate and install the remaining wells up slope of the sampled wells. SEC commenced drilling operations on SW-110.

SEC informed Versar personnel that SEC would not start discrete interval sampling until the the week of September 17, due to equipment logistics. Versar personnel informed the EPA RPM of SEC's decision to postpone the interval sampling event. The EPA RPM instructed Versar personnel not to continue oversight activities because the RPM would witness the interval sampling scheduled for the following week's field activities. Versar personnel did not witness the discrete interval sampling or collect any samples from the interval sampling activities at the project site.

2.2 Oversight Activities

Versar on-site personnel discussed the field activities with the PRP contractor, observed the PRP contractor during the field activities, and maintained a daily log of field activities (Attachment 1).

3.0 MODIFICATIONS AND DEVIATIONS TO THE PROJECT OPERATIONS PLANS

3.1 Scheduling

SEC experienced delays with their sampling equipment required for the discrete interval sampling task. These delays caused SEC to postpone the interval sampling to the week of September 17. The EPA RPM was informed of SEC's decision to delay the interval sampling. With this information, the EPA RPM instructed Versar on-site personnel to return to Atlanta (September 12, 1990) and coordinated the field sampling with SEC to efficiently utilize field time. SEC also experienced delays due to drilling problems. Bedrock well BW-106's outer casing broke at approximately 15 feet below ground surface. SEC decided to overdrill the borehole to salvage the remaining casing. SEC secured a specially equipped drilling rig to accomplish this task. The coring rig designed to overdrill the borehole was due to arrive on the 13th or 14th of September.

3.2 Technical Issues

The PRP contractor conducted the field activities in a safe and appropriate manner. No discrepancies with Region IV protocol were noted by Versar on-site personnel.

4.0 ANTICIPATED PROBLEMS

Versar anticipates no major technical problems to occur. The field work, completed to date, witnessed by Versar personnel, has been accomplished in a manner which should provide usable data for the RI/FS process.

ATTACHMENT 1: FIELD NOTES

(24)

MONDAY

10 Sept '90

ACTIVITY SUMMARY:

ARRIVE @ site, briefed on
LAW ACTIVITIES - sample Bedrock
wells in discrete levels - begin
BW-106 to complete and start
A Saproloite well SW-109.

- J. G. Gillaspie of SIRRI + will
collect a surface soil sample HA16
+ HA16A for TCL + TAL + BNA

- BW-106 casing broken @ 15' BGL
will pull off & evaluate situation
to figure out problem. SW-109
angus refusal w/ 6 1/4" ID angus
w/ 11' mud 10' west and re-drill w/
3 1/4" ID angus, and attempt to
install a Saproloite well.
Drilled to 44' BGL "angus refusal"
fill angus to brim w/ H₂O
to loosen bottom hole will continue
drilling 9/11/90.

Paul D. Long 9/10/90

(25)

TUESDAY

11 Sept '90

AM PCLY CLOUDY + HAZE

LOW 72°F

PM OVERCAST

HIGH 96°F

PERSONNEL

- a) VERSAR P. LINGG
b) SIRRIE R. BORDINE
R. ENRIGHT
J. HARRIGAN
c) ATE D. LEWIS
K. WARREN
D. LYONS
P. BERGMAN
B. ARCHER
K. DEGROOT

HOURS OF OPERATION

- a) START 0630 hrs
b) STOP 1830 hrs.

EQUIPMENT:

- (1) CME 75KX4 HSA
(1) CME 550 ATV HSA
(1) STEAM CLEANER
(2) F-250 4x4 support
(1) F-150 support
(1) CHEVY 1/2 TON support
(1) JD-450-C FRONT END LOADER
(1) E-150 support
(1) F-700 FLAT BED
(1) OVA
(1) 1000 gal H₂O TRUCK

MATERIALS

- a) PURCHASED
b) USED

(20)

TUESDAY

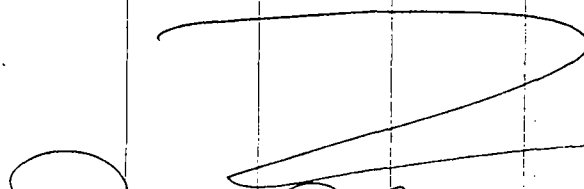
11 Sept 90

ACTIVITY SUMMARY:

CONTINUE DRILLING SW-109
 STABOITE well & collect soil samples
 - will get decision on coring ops
 on Bedrock well SW-106.
 Develop newly installed wells.
 Review analyses of samples
 well previously sampled to
 dictate new location of ~~the~~
 Bedrock well. - Writing on tape
 taping to commence describe
 interval sampling - Received
 Results "clean" therefore will
 move up hill and drill SW-110
 on south side of site.

SW-109 ② 69' BGL will let
 Recover overnight + ✓ level in
 "Am" of 9/12/90

SW-110 Drilled to 38.5' BGL
 will continue in "Am" of 9/12/90


 Paul D. Long 9/11/90

WEDNESDAY

AM PTLY CLDY w/RAIN

PM

12 Sept 90

(21)

LOW 68°F

HIGH

PERSONNEL:

a) VERSAR: P. Linby

b) SIKKING: R. BORDINE
 R. ENRIGHT
 J. HARRIGAN

c) ATE: D. LEWIS
 P. BORGAN
 B. ARCHER
 K. WALKER
 D. LYONS
 K. DEKROOT

HOURS OF OPERATION

a) START 0600 hrs

b) STOP 1500 hrs.

EQUIPMENT: (4) F-250 4x4 SUPPORT VEHICLES

(1) CHEVY 1/2 TON SUPPORT

(1) CME 75 4x4 HSA RIG

(1) CME 550 ATV HSA RIG

(1) F-150 SUPPORT

(1) STEAM CLEANER

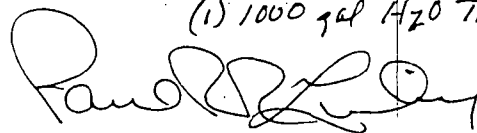
(1) JD-450-C FRONT END LOADER

(1) E-150 VAN-SUPPORT

(1) F-700 FLAT BED

(1) OVA

(1) 1000 gal H₂O TRUCK.


 Paul D. Long 9/12/90

(20)

WEDNESDAY

12 Sept 90

MATERIALS: a) PURCHASES:

b) USED:

ACTIVITY SUMMARY:

ARRIVE @ site briefed on day's activities — will continue drilling SW-109 w/ possible installation also continue drilling SW-110.

Working on the ^{final} ~~original~~ the original of an overcoring rig to assist in the removal of casing in BW-106.

— R. BORDINE of SERRINE INFORMED VERSAR PERSONNEL THAT SERRINE WOULD NOT START DISCREET INTERVAL SAMPLING UNTIL 9/17/90.

VERSAR PERSONNEL INFORMED J. Bartholm of EPA of situation — EPA RPM DECIDED TO PULL OVERSITE PERSONNEL OFF SITE UNTIL SERRINE STARTS DISCREET INTERVAL SAMPLING OF THE BEDROCK WELL.

VERSAR PERSONNEL ~~was~~ DEMOBED BACK TO ATLANTA.

James R. Lee 9/12/90